



From this...



To this...

## I-90 Evergreen Rd. Interchange

This project, located in an urban area of Spokane, included a new interchange, bridge, ramps, and auxiliary lanes. The total project cost was \$16,200,000.

New bridge, ramps, and intersections.  
Stormwater treatment incorporated into permits,  
design, and construction.

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# I-90 Evergreen Rd. Interchange

## Stormwater facilities



The stormwater facilities constructed with this project included stormwater conveyance sewers, runoff swales, and six detention ponds. Two of the ponds were oversized so that two miles of extra lanes can be added in a later project without requiring additional pond capacity. The facilities were accommodated entirely within existing right of way, so no land acquisition was required to support the mitigation program. The cost of the stormwater facilities was \$1.87 million or \$0.62/sf of new impervious surface added.

# I-90 Evergreen Rd. Interchange

## Noise Wall



A 1,950 square foot noise wall was constructed at an all-in cost of approximately \$90,000. After an environmental assessment and a cost/benefit demonstration showed that a noise wall was needed to buffer noise for nearby residences under FHWA and WSDOT requirements and guidelines.

# I-90 Evergreen Rd. Interchange

## Cost Summary

Phase Costs	
Preliminary Engineering	\$1.44M
Right of Way	\$1.90M
Construction	\$12.86M
Total	\$16.20M

Mitigation Costs			
Mitigation Elements	Const. Cost <sup>(1)</sup>	All-in Mitigation Cost <sup>(*)</sup>	% of Total Project Cost
Stormwater Facilities	\$1.68M	\$1.87M	11.5%
Noise Wall	\$0.08M	\$0.09M	0.6%
Subtotal of Mitigation Elements	\$1.76M	\$1.96M	12.1%
All other items	\$11.10M	\$14.24M	
Total	\$12.86M	\$16.20M	
(1) Construction cost includes mobilization, sales tax, and construction engineering.			
(*) All-in cost includes allocation of preliminary engineering and right of way added to construction cost.			

11.5%



Stormwater \$1.87M

0.6%



Noise wall \$90,000